

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129666.D
 Acq On : 09 Aug 2022 14:45
 Operator : CG\JU
 Sample : N4101-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-8-8

Quant Time: Aug 09 15:18:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	128525	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	521576	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	285072	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	497196	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	367080	20.000	ng	-0.01
86) Perylene-d12	15.492	264	374745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	768028	97.344	ng	0.00
7) Phenol-d6	6.493	99	988421	99.669	ng	-0.01
23) Nitrobenzene-d5	7.404	82	615081	64.375	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	285938	104.328	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1197217	64.967	ng	-0.01
79) Terphenyl-d14	12.957	244	1314145	67.540	ng	-0.01

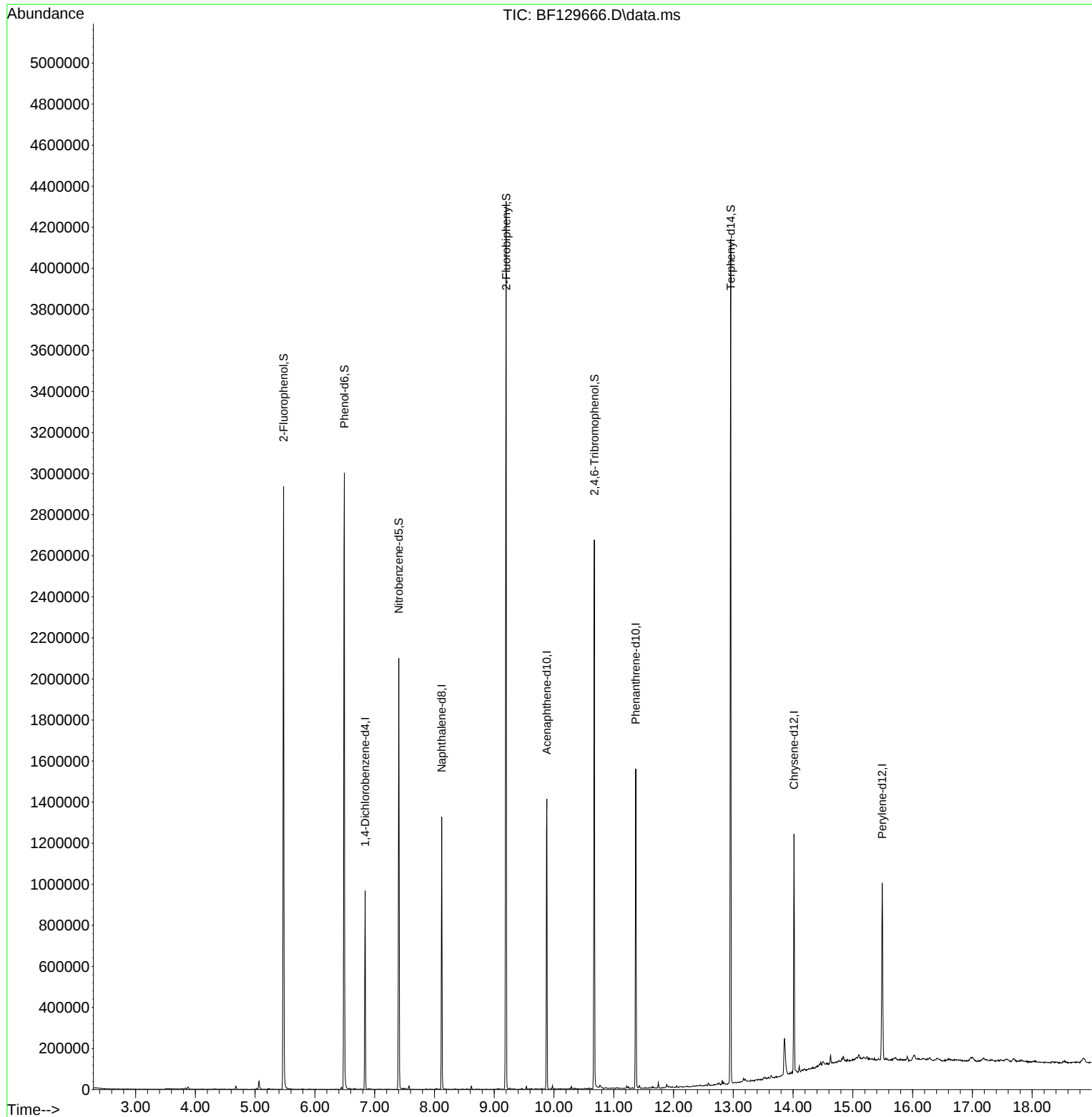
Target Compounds	Qvalue

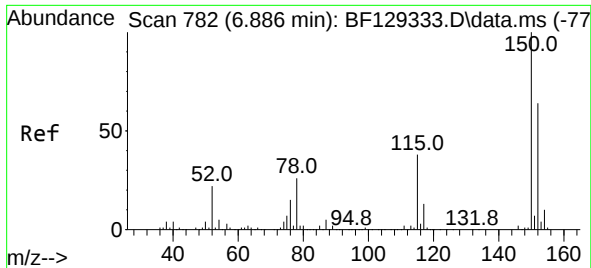
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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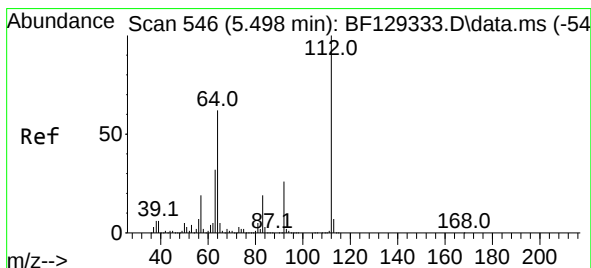
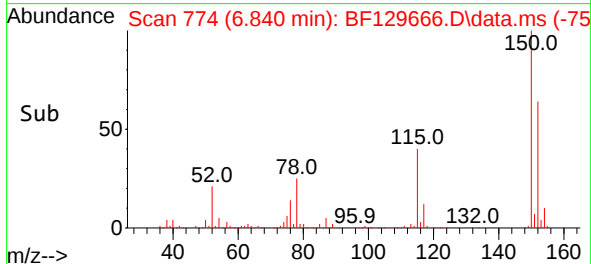
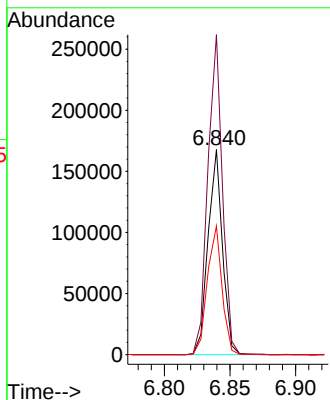
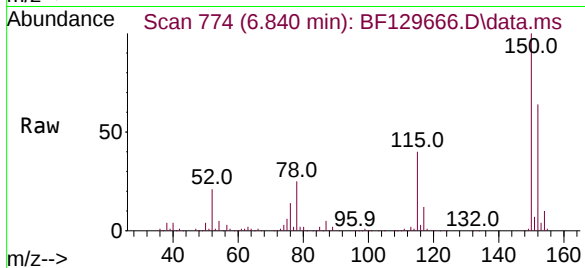




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129666.D
 Acq: 09 Aug 2022 14:45

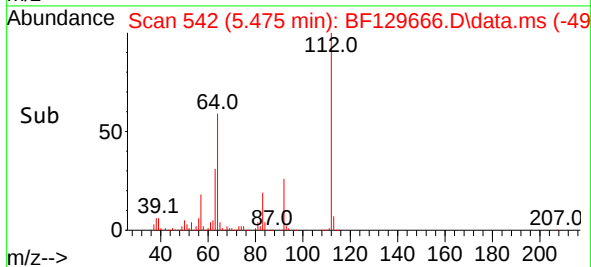
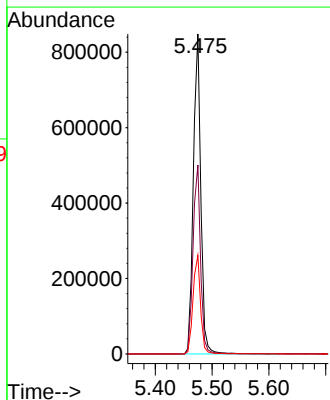
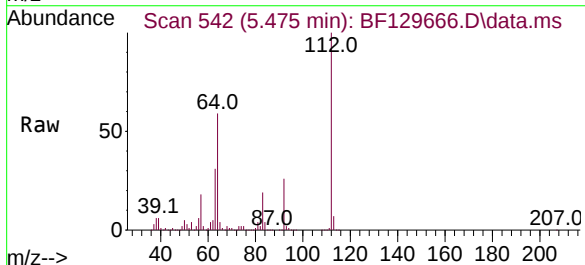
Instrument :
 BNA_F
 ClientSampleId :
 TP1-8-8

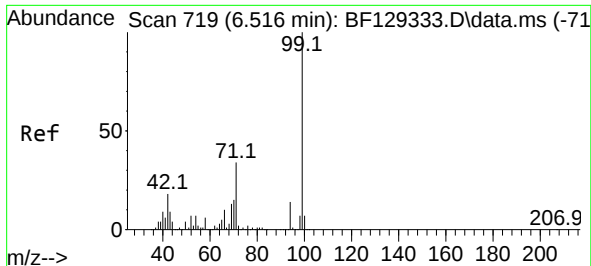
Tgt Ion:152 Resp: 128525
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.7 185.5
 115 62.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 97.344 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129666.D
 Acq: 09 Aug 2022 14:45

Tgt Ion:112 Resp: 768028
 Ion Ratio Lower Upper
 112 100
 64 59.0 53.3 79.9
 63 30.8 28.0 42.0

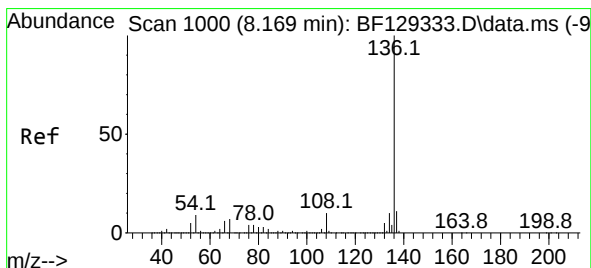
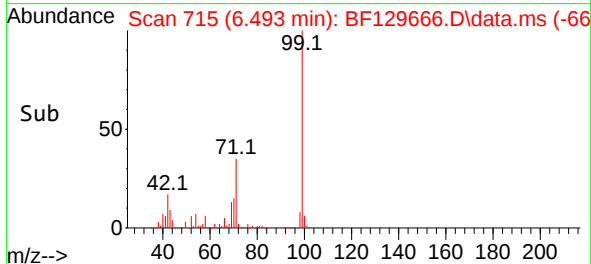
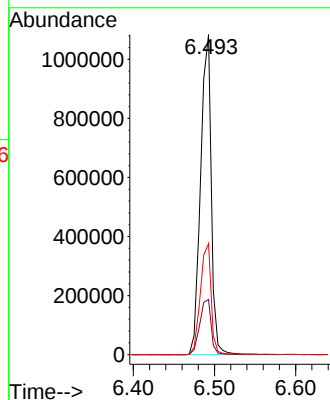
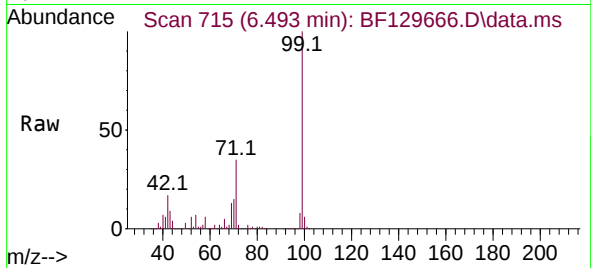




#7
Phenol-d6
Concen: 99.669 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

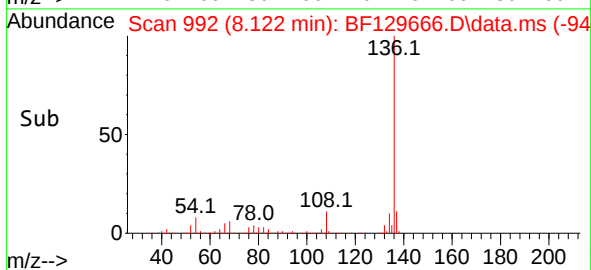
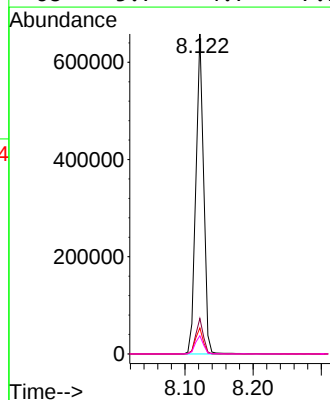
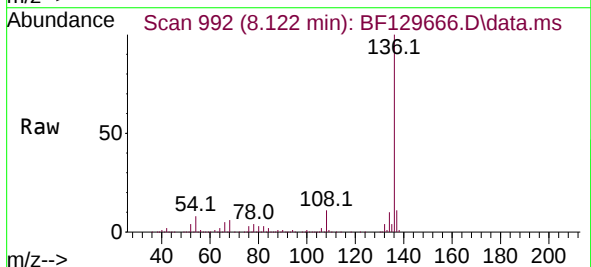
Instrument :
BNA_F
ClientSampleId :
TP1-8-8

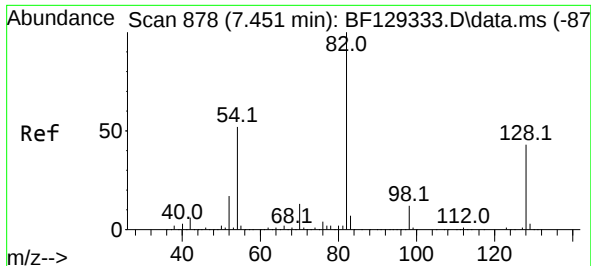
Tgt Ion: 99 Resp: 988421
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 34.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion: 136 Resp: 521576
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 7.5 11.3
68 5.7 4.7 7.1

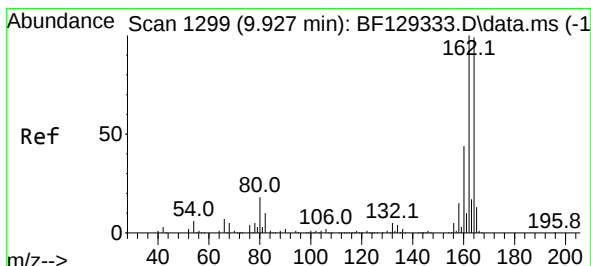
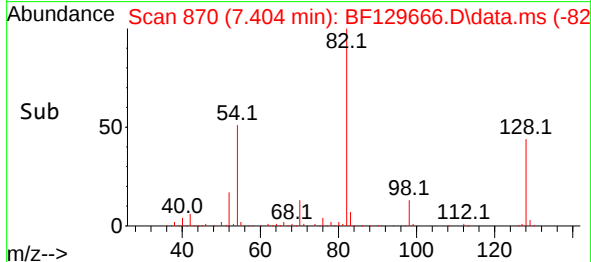
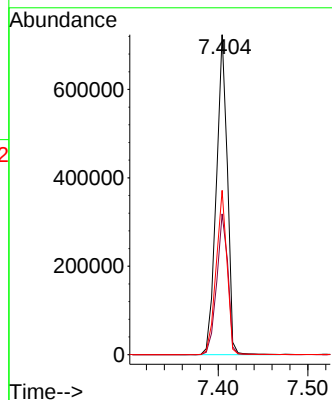
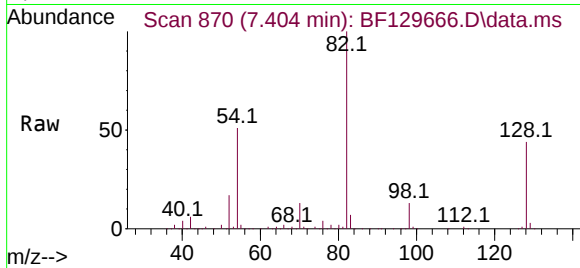




#23
Nitrobenzene-d5
Concen: 64.375 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

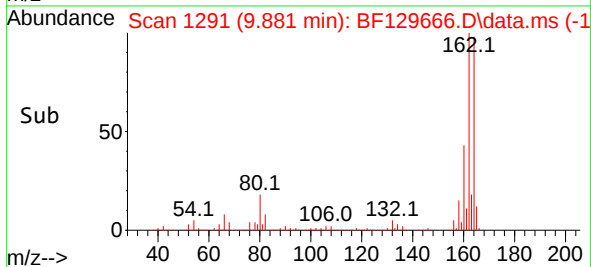
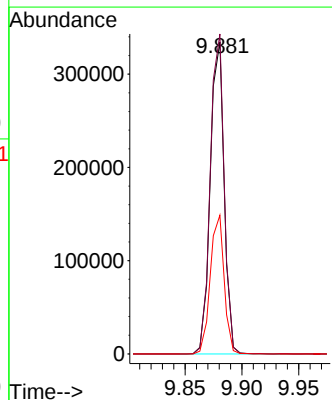
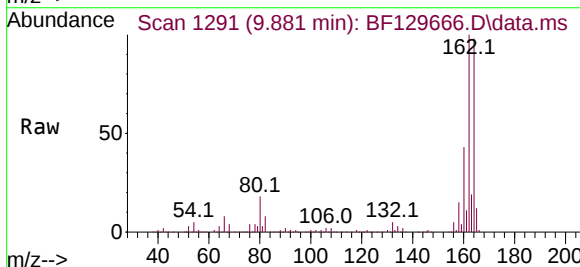
Instrument :
BNA_F
ClientSampleId :
TP1-8-8

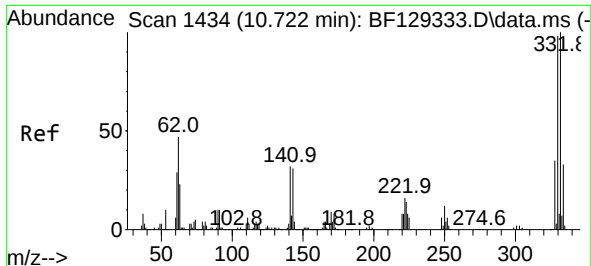
Tgt Ion: 82 Resp: 615081
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 51.3 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion: 164 Resp: 285072
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 104.328 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129666.D

Acq: 09 Aug 2022 14:45

Instrument :

BNA_F

ClientSampleId :

TP1-8-8

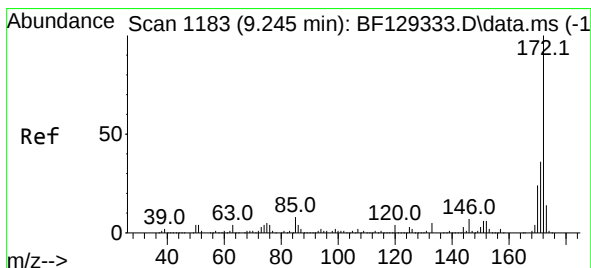
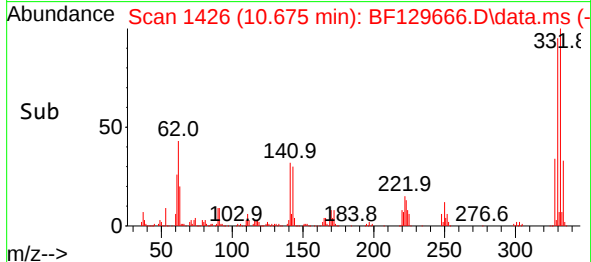
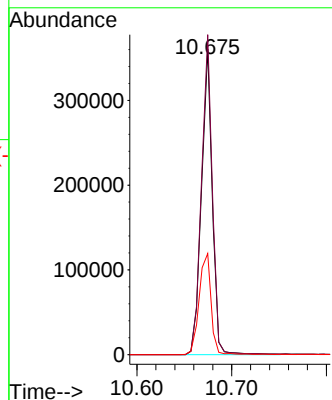
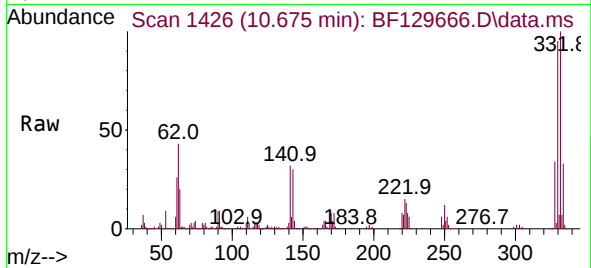
Tgt Ion:330 Resp: 285938

Ion Ratio Lower Upper

330 100

332 105.4 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.967 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129666.D

Acq: 09 Aug 2022 14:45

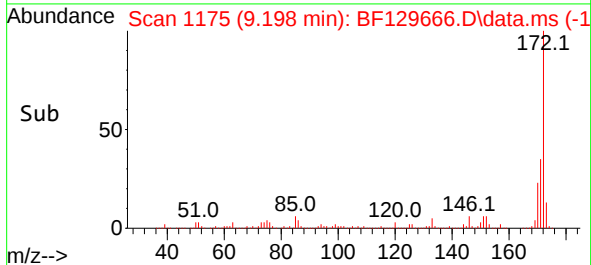
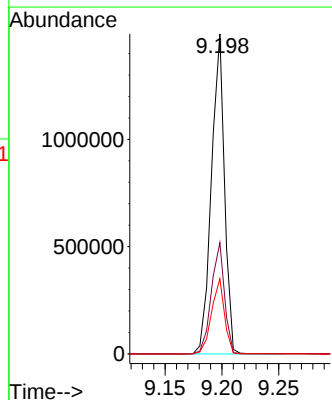
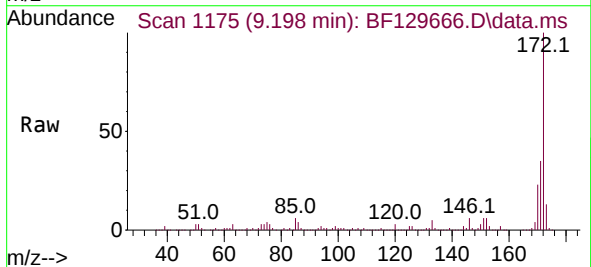
Tgt Ion:172 Resp: 1197217

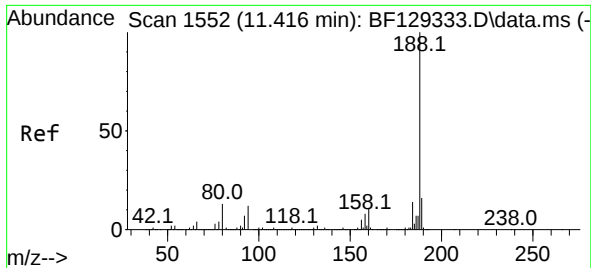
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.5 19.8 29.8

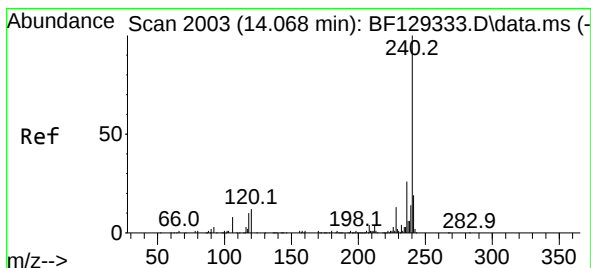
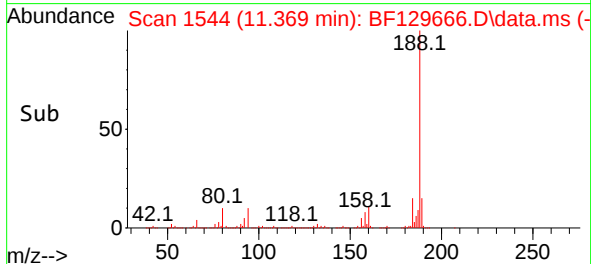
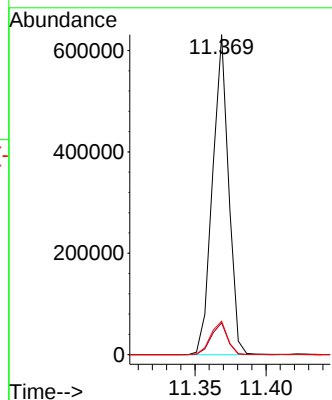
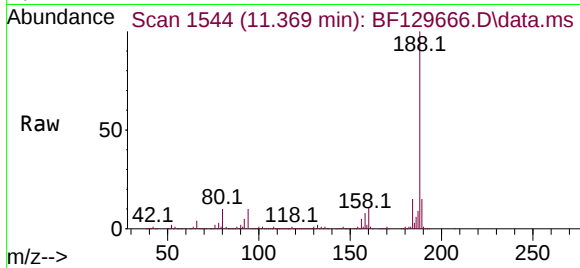




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

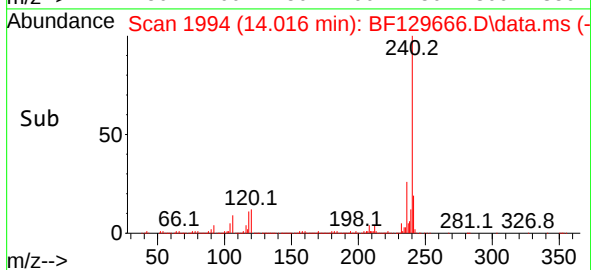
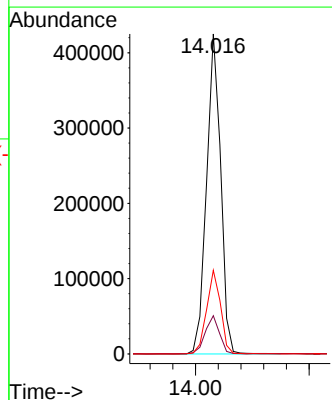
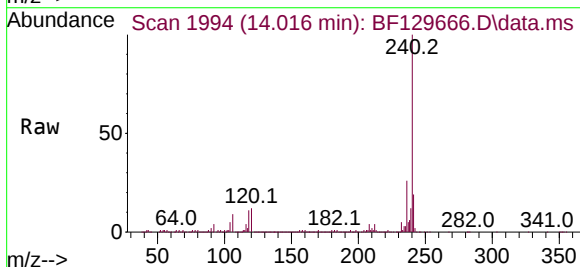
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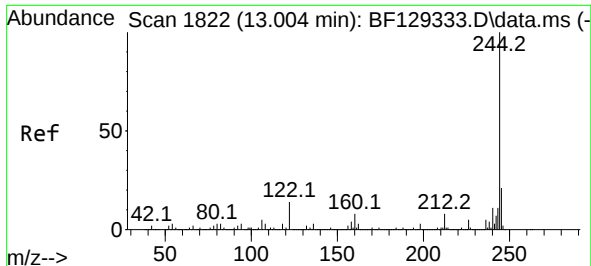
Tgt Ion:188 Resp: 497196
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion:240 Resp: 367080
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.1 20.8 31.2

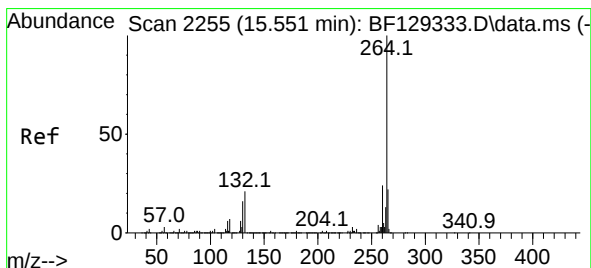
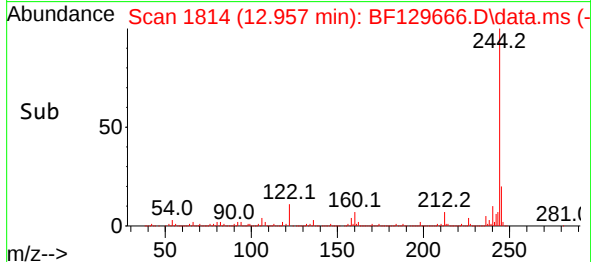
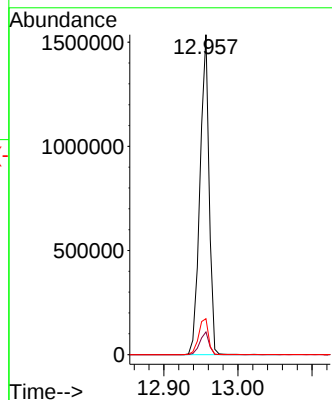
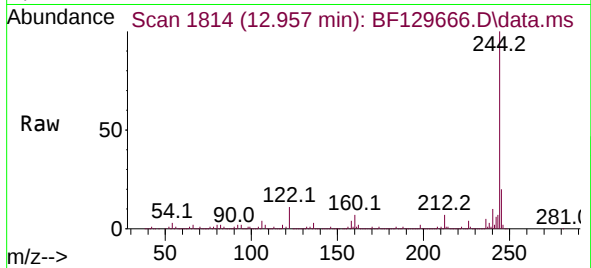




#79
 Terphenyl-d14
 Concen: 67.540 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129666.D
 Acq: 09 Aug 2022 14:45

Instrument :
 BNA_F
 ClientSampleId :
 TP1-8-8

Tgt Ion:244 Resp: 1314145
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF129666.D
 Acq: 09 Aug 2022 14:45

Tgt Ion:264 Resp: 374745
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 22.2 17.2 25.8

